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PATENT
Attorney Docket No.: 082416-000900US
Client Reference No.: 02F064-PCT-US

TOWNSEND and TOWNSEND and CREW LLP

By: Timothy J. Parker

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Masaaki Shimada et al.

Application No.: 10/506,641

Filed: September 3, 2004

For: AC SIGNAL LEVEL DETECTION
CIRCUIT

Confirmation No.: 4990

Examiner:

Art Unit: 2829

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A are being called to the attention of the Examiner. Copies of the references in compliance with the requirements of 37 CFR §1.98(a)(2) are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Also enclosed is a copy of a Korean Office Action (together with an English translation thereof) which was issued in corresponding Korean patent application no. 10-2004-7011292, and in which these references were cited.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement, because this submission is prior to the issuance of a first Office Action on the merits.

However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'R. B. Hom', is written over the printed name.

Raymond B. Hom
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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet **1** of **1****Complete if Known**

Application Number	10/506,641
Filing Date	September 3, 2004
First Named Inventor	Shimada, Masaaki
Art Unit	2829
Examiner Name	
Attorney Docket Number	082416-000900US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ¹	Number ²			
	AA	US-				
	AB	US-				
	AC	US-				
	AD	US-				
	AE	US-				
	AF	US-				
	AG	US-				
	AH	US-				
	AI	US-				
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	AK	US-				
	AL	US-				
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ¹	Number ²	Kind Code ⁴ (if known)				
	AS	JP	53-017374		02/17/1978	Toshiba Corp.		<input type="checkbox"/>
	AT	JP	02-178473		07/09/1990	NEC Corp.		<input type="checkbox"/>
	AU							<input type="checkbox"/>
	AV							<input type="checkbox"/>
	AW							<input type="checkbox"/>

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.